

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No.: 10/623,621
Attorney Docket No.: Q76494

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following amended title:

AN INDEX STRUCTURE FOR METADATA HAVING LOCATION INFORMATION
EXPRESSED AS A CODE FOR DEFINING A KEY

Amend the substitute specification, filed May 14, 2004, by adding after the Title and before the heading “BACKGROUND OF THE INVENTION” the following:

CROSS-REFERENCE TO RELATED APPLICATIONS

This is a parent of Application Nos. 10/845,210 and 10/845,330 both filed on May 14, 2004. The present application is based on and claims the benefit of Korean Patent Application Nos. 2002-43097 and 2002-62913, which are incorporated herein by reference.

Please replace the paragraph no. [01] with the following amended paragraph:

[01] The present invention relates to an index structure of metadata provided for searching for information on contents and a method for providing indices of the metadata, and a method and an apparatus for searching for the metadata using the index structure of the metadata. More particularly, the present invention relates to an index structure of metadata containing information on a key, at least a part of which is encoded so as to allow information on contents to be more efficiently searched when the XML metadata for the digital contents defined in TV-Anytime Forum (hereinafter referred to as “TVA”) (hereinafter referred to as “TVA metadata”)

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is divided into fragments in an independent unit and transmitted on a fragment basis, a method for providing indices of the metadata, and a method and an apparatus for searching the metadata using the indices of metadata. ~~The present application is based on Korean Patent Application Nos. 2002-43097 and 2002-62913, which are incorporated herein by reference.~~